

## HIGHTEC RACING GREASEGUARD RLF 2

Premium, synthetic grease based on a lithium complex soap for wheel bearings. Developed specifically for wheel bearings subjected to high mechanical loads in vehicles used for racing. Temperature range from -30°C to +160°C.

### Description

HIGHTEC RACING GREASEGUARD RLF 2 is a synthetic grease used for wheel bearings and produced using lithium soap with wear protection, corrosion protection and EP additives.

### Application

HIGHTEC RACING GREASEGUARD RLF 2 is suitable for lubricating rolling and sliding bearings within a high temperature range at high speeds for use in vehicles and in the industry.

### Equivalent quality in accordance with EU-law as per

- DIN 51 502/51 825: KP 2 P-30
- T[°C]: -30 ... +160
- T[°F]: -22 ... +320

### Advantages

- Good corrosion protection, even under unfavourable environmental influences
- Resistant to ageing
- Suitable for rolling bearings subjected to high thermal loads
- Additional operating temperature range
- High pressure absorption capacity
- Wear-reducing

### Notes

- If stored appropriately in originally sealed containers in a dry place, away from direct sunlight and at temperatures between 10°C and 30°C, the minimum storage period is 24 months.
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- A safety data sheet is available upon request for information on health, safety and environmental aspects. A little oil separation is caused by the product's attributes and harmless.
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- It is desirable to a certain extent to ensure lubrication, and no indication of inferior product quality. The separated oil can be incorporated again homogeneously by folding it in comprehensively.

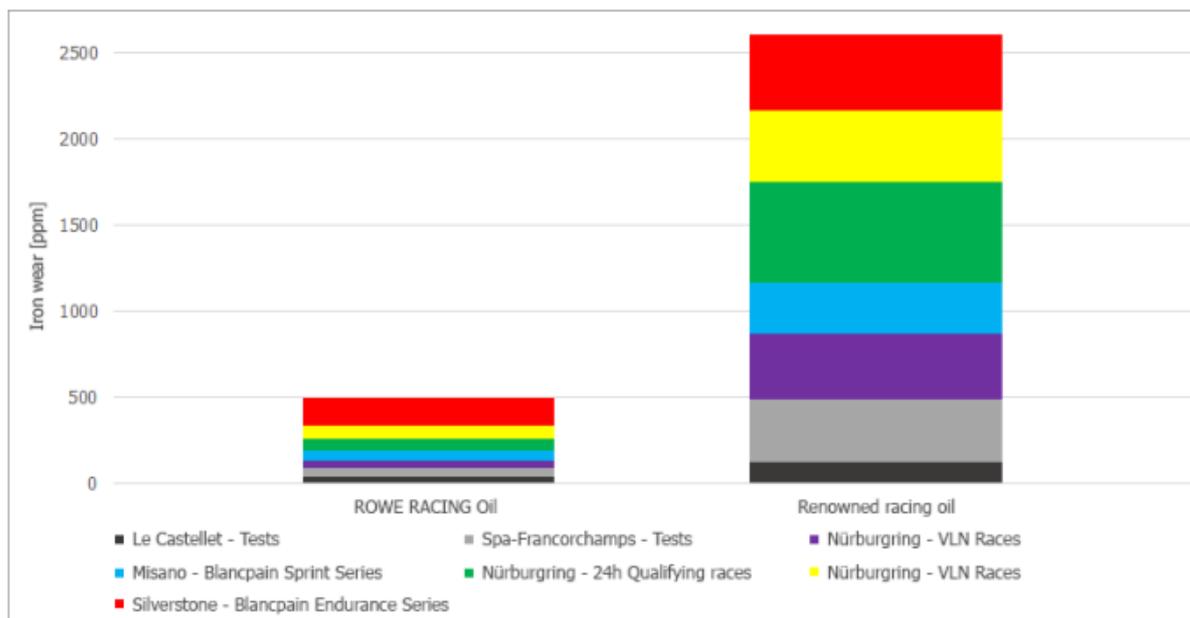


## Typical characteristics

Property	Method	Unit	Value
Corrosion effect on copper	DIN 51 811	Grad	1-120
Color		visual	hellbraun / light brown
Classification	ISO 6743-9	-	ISO-L-X-CEEB2
NLGI-class	DIN 51 818	-	2
Worked penetration	DIN ISO 2137	0,1 mm	265 - 295
Dropping point	DIN ISO 2176	°C	> 250
Usage temperature		°C	-30 bis +160
Thickener type	-	-	Li-Komplex
VKA welding force	DIN 51 350/4	N	2600
Corrosion protection	DIN 51 802	Korrosionsgrad	0-0
Resistance to water	DIN 51 807/1	-	1-90
Grundölviskosität, 40 °C	ASTM D-7042	mm <sup>2</sup> /s	100
Oil separation, 7d/40°C	DIN 51 817	%	1 - 3

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply ([www.rowe-oil.com](http://www.rowe-oil.com)).

## Iron wear comparison



The diagram (above) shows the iron wear accumulated over several races/test drives. The iron already shows more wear with the renowned racing oil after the third run (right) than it does with the ROWE RACING oil (left) after all 7 races / test drives together.

